

Converting Colors

XYZ(58.8670, 56.1168, 30.3665)

Have a look what the booklet for
XYZ(58.8670, 56.1168, 30.3665)
contains.

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Color

**XYZ(59.0355, 56.3166,
30.3129)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BB86
RGB	243, 187, 134
RGB Percent	95%, 73%, 53%
CMY	0.0471, 0.2666, 0.4745
CMYK	0.00, 0.23, 0.45, 0.05
HSL	29°, 82%, 74%
HSV	29°, 45%, 95%
XYZ	59.0355, 56.3166, 30.3129
YIQ	197.7020, 50.3890, -4.6110

Conversions

Conversions Part 2

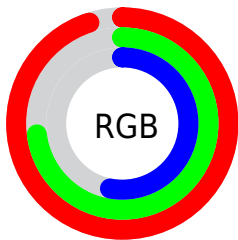
Format	Color
R _Y B	243, 237, 134
Decimal	15973254
CIE Lab	79.79, 13.70, 34.57
CIE LCh	80, 37.186, 68.376
Yxy	56.3166, 0.4053, 0.3866
Android (android.graphics.Color)	4294163334 (0xFFFF3BB86)
YUV	197.7020, -31.4051, 39.7263
Hunter-Lab	75.0444, 9.0937, 28.5819

Details

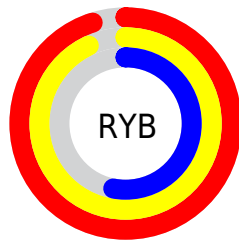
The XYZ color **59.0355, 56.3166, 30.3129** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.4217, 48.3641, 91.7876**, and the grayscale version is **53.6600, 56.4545, 61.4789**.

A 20% lighter version of the original color is **82.3677, 88.9920, 60.4129**, and **30.0940, 27.9890, 11.9999** is the 20% darker color. If you saturate the color by 10%, you get **54.9976, 50.6487, 21.5443**, and if you desaturate by 10%, it is **63.6958, 62.6061, 41.2111**.

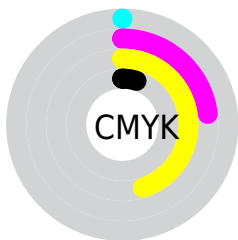
Distribution



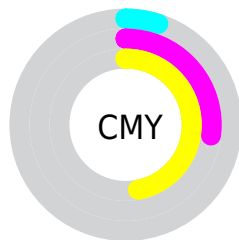
- Red (95%)
- Green (73%)
- Blue (53%)



- Red (95%)
- Yellow (93%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (45%)
- Black (5%)





- Cyan (5%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0355, 56.3166, 30.3129 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 59.0355, 56.3166, 30.3129 by changing the saturation by 10% instead.


 59.0355, 56.3166,
30.3129

 59.0355, 56.3166,
30.3129


410.9254,
410.8835, 317.6128


 42.8882, 40.4568,
19.8221


 102.5436, 99.4673,
61.2235

 29.9915, 27.8949,
12.0830


 130.6351,
127.5271, 82.4804

 19.9802, 18.2464,
6.6770

 163.4386,
160.4222, 108.1632

 12.4888, 11.1271,
3.1856

201.3197,
198.5373, 138.6902

 7.1521, 6.1524,
1.1902

244.6435,
242.2565, 174.4802

 3.6046, 2.9380,
0.0000

293.7755,

 1.4809, 1.0994,

291.9644, 215.9516

0.0000

349.0810,
348.0452, 263.5230

■ 0.3128, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0355, 56.3166,
30.3129

■ 59.0355, 56.3166,
30.3129

■ 54.9976, 50.6487,
21.5443

■ 63.6958, 62.6061,
41.2111

■ 51.5451, 45.5718,
14.7578

■ 69.0045, 69.5302,
54.3664

■ 48.6429, 41.0643,
9.7917

■ 74.9908, 77.1114,
69.9000

■ 46.2490, 37.0994,
6.4573

■ 81.6808, 85.3685,
87.9234

■ 44.3134, 33.6463,
4.5230

■ 89.0182, 94.2871,
108.1152

■ 43.4603, 32.0513,
3.8959

■ 90.7720, 97.7946,
108.6998

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.6840, 56.3166, 39.0329



59.0355, 56.3166, 30.3129



51.4481, 56.3166, 28.7928

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.0355, 56.3166, 30.3129



40.4565, 56.3166, 67.5524



63.0168, 56.3166, 99.8571

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.0355, 56.3166, 30.3129



44.4217, 48.3641, 91.7876

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.6616, 56.3166, 112.1001



59.0355, 56.3166, 30.3129



42.9714, 56.3166, 90.7936

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.0355, 56.3166, 30.3129



41.1773, 56.3166, 47.2875



48.3727, 56.3166, 108.4430



68.1283, 56.3166, 77.8837

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.0355, 56.3166, 30.3129



46.9442, 56.3166, 31.6201



48.3727, 56.3166, 108.4430



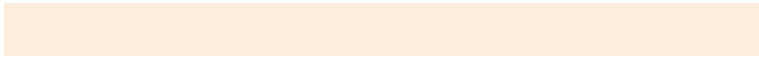
60.6987, 56.3166, 105.4561

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.0369, 56.3193, 30.3140



84.9707, 87.6578, 81.4431



54.8163, 39.8369, 53.6974



17.8498, 18.3415, 16.5370



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.0369, 56.3193, 30.3140



61.6636, 56.9415, 24.6630



72.7747, 83.7948, 34.8933



17.1643, 17.8128, 17.3311



23.9866, 17.8588, 2.1829



2.2107, 1.7746, 0.2260

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.4217, 48.3641, 91.7876



43.4177, 47.0052, 101.3923



34.7880, 29.0967, 88.5764



16.2852, 17.3346, 21.0302



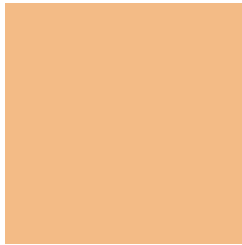
13.0278, 11.8493, 48.1385



1.2479, 1.2472, 4.2652

Previews

White Background



This preview shows how the XYZ color 59.0355, 56.3166, 30.3129 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 59.0355, 56.3166, 30.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

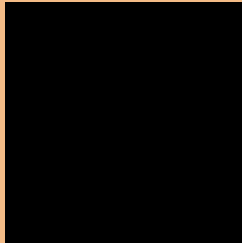
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0355, 56.3166, 30.3129

Background



This preview shows how black text looks on a background with the XYZ color 59.0355, 56.3166, 30.3129.



This preview shows how white text looks on a background with the XYZ color 59.0355, 56.3166,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.0355, 56.3166, 30.3129

Protanopia

52.5858, 56.5484, 32.5695

Deuteranopia

57.3563, 56.0932, 29.9944



Tritanopia

64.4571, 56.0469, 57.8730

Trichromacy



Original Color

59.0355, 56.3166, 30.3129

Protanomaly

54.8585, 56.3973, 31.6613

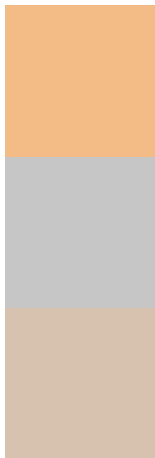
Deuteranomaly

57.8135, 56.0106, 29.9543

Tritanomaly

62.1804, 56.0273, 46.5668

Monochromacy



Original Color

59.0355, 56.3166, 30.3129

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.7612, 55.9749, 48.4754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0355, 56.3166, 30.3129 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(243, 187, 134)` looks like.

```
.text, #text, p{  
    color:rgb(243, 187, 134)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(243, 187, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 187, 134) }
```

Border

The CSS property to change the border of an element to XYZ 59.0355, 56.3166, 30.3129 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 187, 134) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(243, 187, 134) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(243, 187, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 187, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 187, 134);  
box-shadow:4px 4px 4px 4px rgb(243, 187,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0355, 56.3166, 30.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 187, 134) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(243,  
187, 134) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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